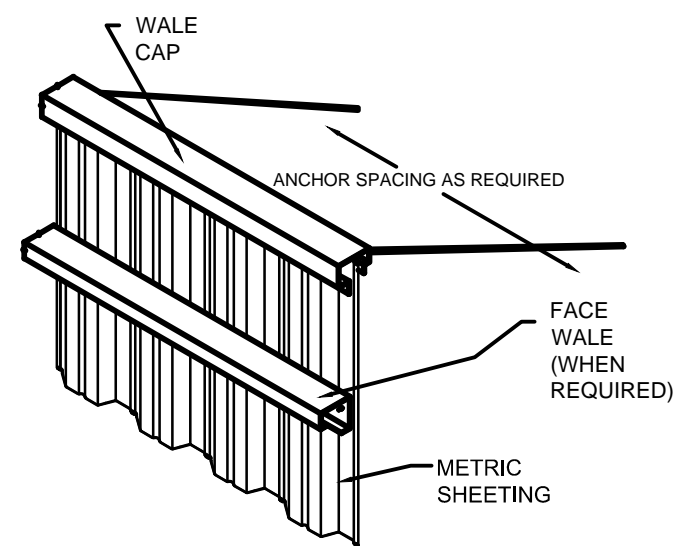
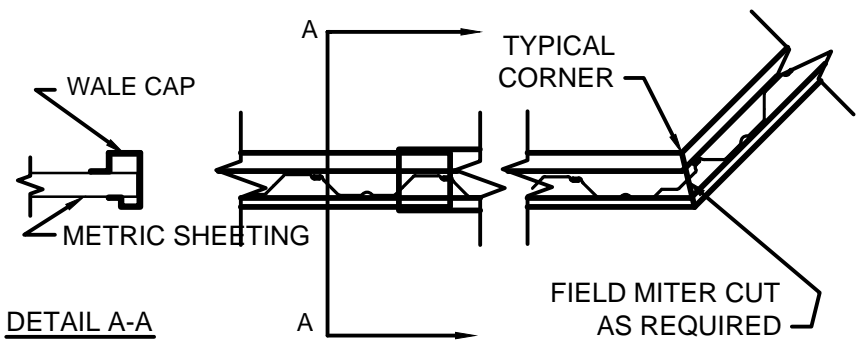


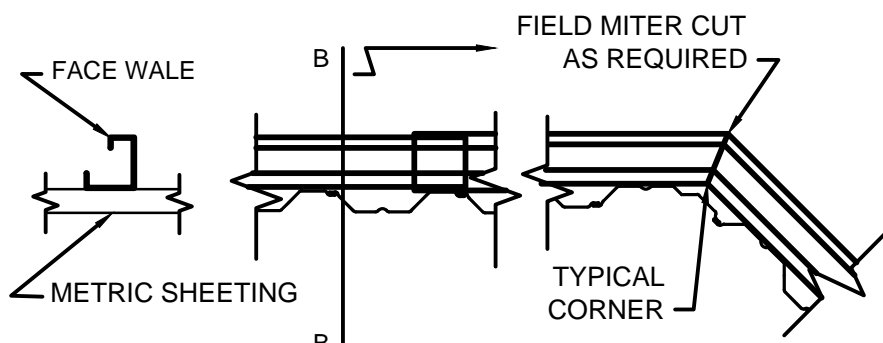
F:\Design\PROJECTS\Floyd\Wayland Stream Stabilization\1 Drawing Files\Metric Sheeting\Anchor Wall\ Aml Revised.dwg



1 DEAD MAN ANCHOR ISOMETRIC
SCALE : 1/4" = 1'-0"



2 PLAN VIEW - TOP WALE CAP
SCALE : 3/8"=1'-0"



3 PLAN VIEW - FACE WALE
SCALE : 3/8"=1'-0"

STIFFENERS MINIMUM SECTION PROPERTIES

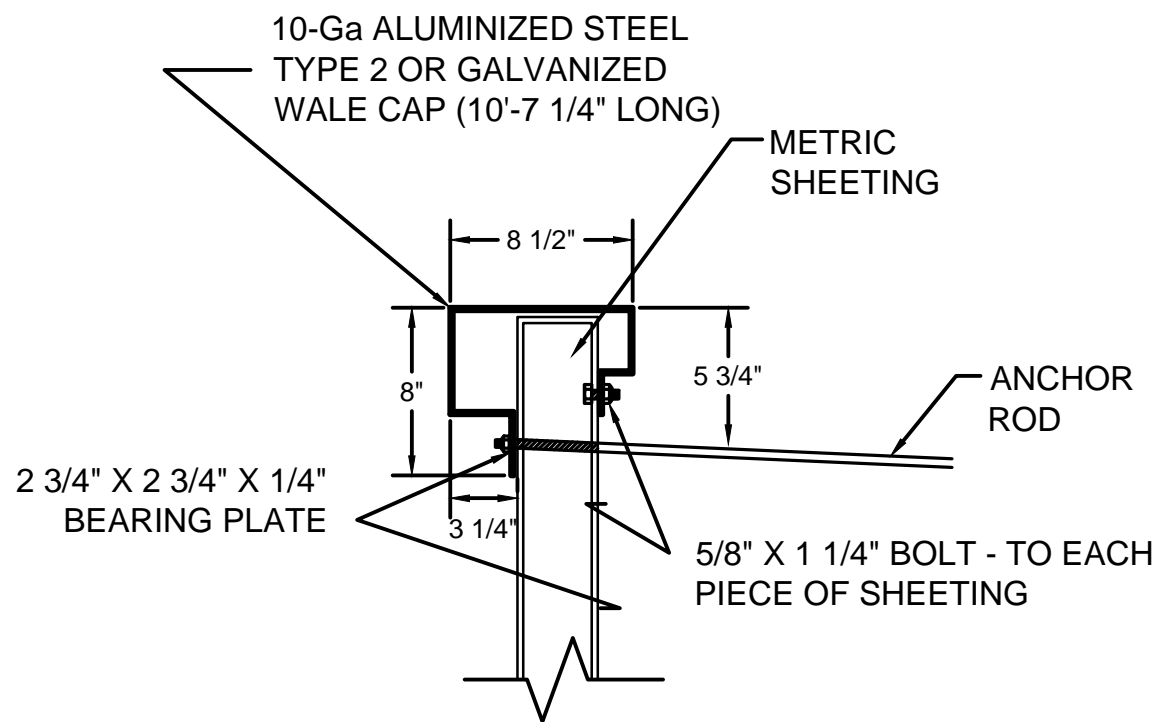
	I(IN. ^4)	S(IN. ^3)	AREA(IN. ^2)	APPROX. WT.(LB./FT.)
TOP WALE CAP	31.75	7.11	3.48	12
FACE WALE	41.59	8.98	4.46	15

ANCHOR SIZE

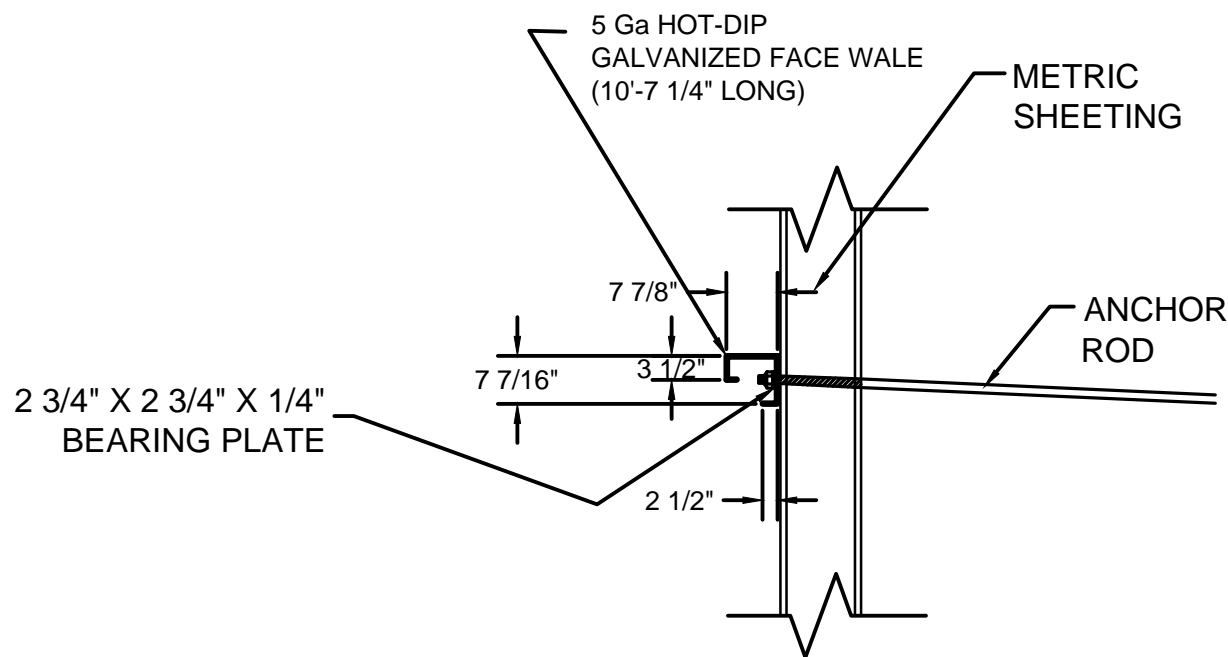
HxW	OR	HxW	ANCHOR STRENGTH (LB.)	NUMBER OF BACK-UP BEAMS
2x2			15,500	1
2x3		3x2	23,250	1
2x4		4x2	27,600	1
2x5		5x2	32,000	2
3x3			15,500	1
3x4		4x3	32,000	2
3x5		5x3	32,000	2
4x4			23,500	2
4x5		5x4	29,350	2
5x5			21,450	2

MAXIMUM DESIGN STRENGTH OF DEDMAN UNIT - SERVICE LOADS
GENERALLY LIMITED BY SOIL STRENGTH

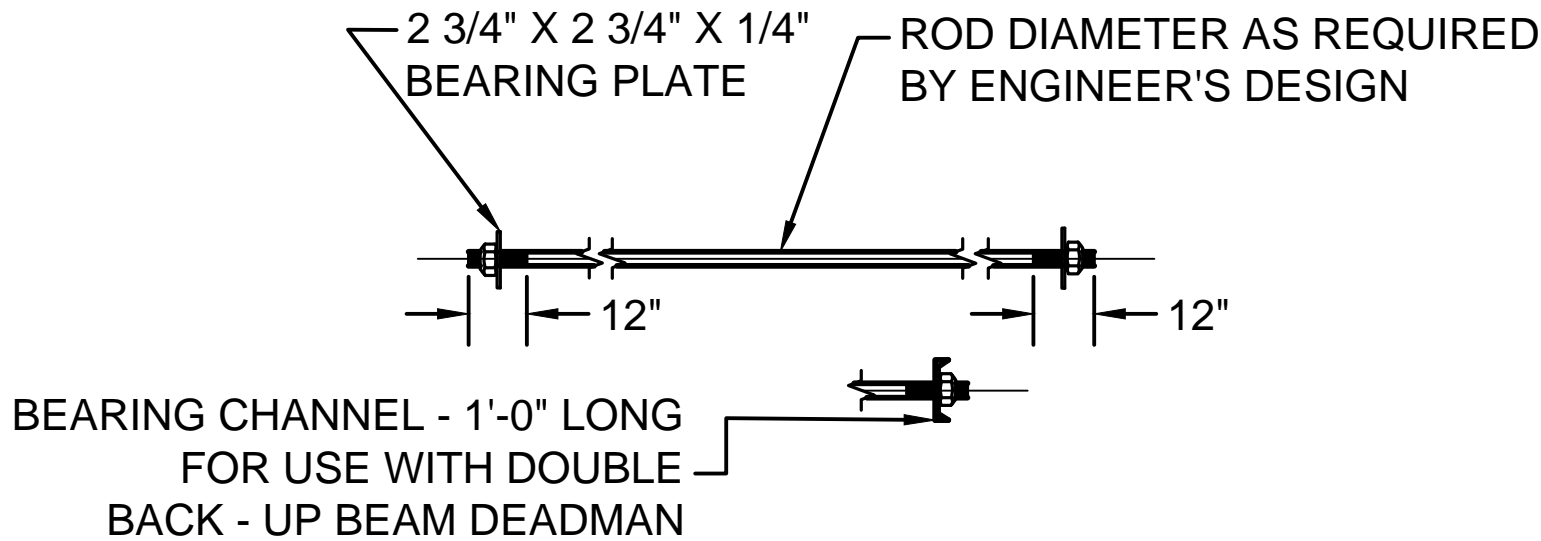
NOTE: ANCHOR RODS ARE 3/4" ALL THREAD, 15' LONG
INSTALLED AT APPROX. 8' SPACING OR EVERY 4TH
SHEET. USE PLATIPUS-BAT ANCHORS (B06T OR EQUIVALENT)



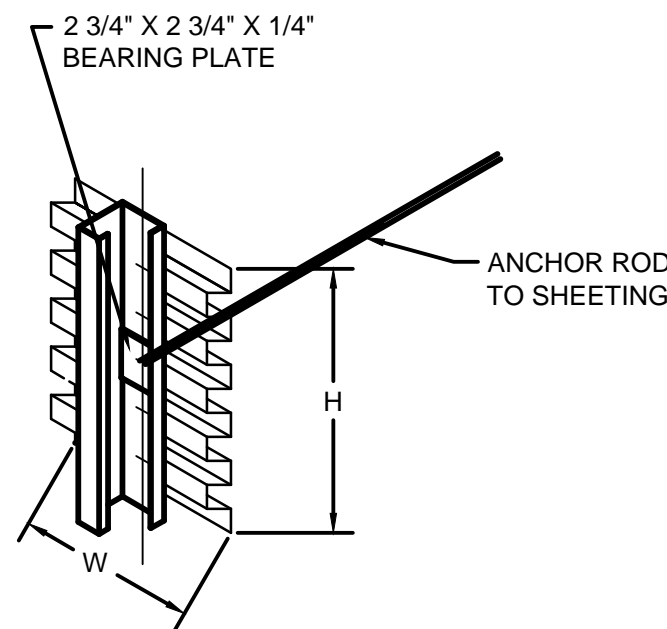
1 DETAIL TOP WALE CAP
SCALE : 3/8"=1'-0"



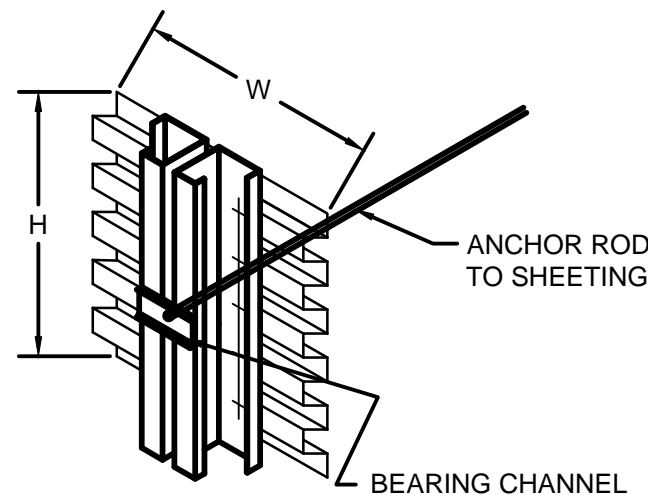
2 DETAIL FACE WALE
SCALE : 3/8"=1'-0"



3 ANCHOR ASSEMBLY
SCALE : NTS



4 SINGLE BACK-UP BEAM
SCALE : NTS



5 DOUBLE BACK-UP BEAM
SCALE : NTS

WAYLAND STREAM RESTORATION PHASE I AML RECLAMATION PROJECT	
DRAWN BY	SHEETING & ANCHOR DETAILS
SMJ	COMMONWEALTH OF KENTUCKY
CHECKED BY	FINANCE & ADMINISTRATION CABINET
JAM	DEPARTMENT FOR FACILITIES & SUPPORT SERVICES
DATE	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
6/26/2014	FRANKFORT, KY
	ENERGY AND ENVIRONMENT CABINET
	DEPARTMENT OF NATURAL RESOURCES
	DIVISION OF ABANDONED MINE LANDS
	FRANKFORT, KY